

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:)
Hardayal Gill) Group Art Unit: Unassigned
Application No. Unassigned) Examiner: Unassigned
Filed: Herewith) Atty. Docket No. HIT1P026/
For: SENSOR WITH IMPROVED SELF-) HSJ9-2003-0145US1
PINNED STRUCTURE)
Date: July 18, 2003
)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 with label number EV334279640US on July 18, 2003.

Signed: 
Erica L. Farlow

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56 AND 1.97(b)**

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-2587 (Order No. HSJ920030145US1/HIT1P026).

Respectfully submitted,
Silicon Valley IP Group, PC



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Form 1449 (Modified)				Atty. Docket No. HIT1P026 / HSJ9-2003-0145US1	Application No.: Unassigned
Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)				Applicant: H. Gill	
				Filing Date: Herewith	Group Art Unit: Unassigned

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	6,515,573	02/04/2003	Dong et al.	338	32	06/19/2000
	B	6,501,626	12/31/2002	Gill	360	324.11	05/03/2000
	C	6,396,668	05/28/2002	Mao et al.	360	314	07/24/2000
	D	6,327,121	12/04/2001	Nagasawa et al.	360	324.11	11/13/1998
	E	6,292,335	09/18/2001	Gill	360	324.11	06/25/1999
	F	6,150,045	11/21/2000	Saito et al.	428	692	09/16/1998
	G	6,074,767	06/13/2000	Lin	428	692	03/12/1998
	H	6,064,552	05/16/2000	Iwasaki et al.	360	113	03/17/1998
	I	6,046,891	04/04/2000	Yoda et al.	360	113	02/11/1998
	J	5,661,621	08/26/1997	Kobayashi et al.	360	113	07/31/1995
	K	5,657,191	08/12/1997	Yuan	360	113	09/18/1995
	L	2001/0028541	10/11/2001	Gill	360	324.12	06/11/2001

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	M	2001-160640	12.06.2001	JP	H01L	43/08		
	N	2002-270920	20.09.2002	JP	H01L	43/08		
	O	2000-163717	16.06.2000	JP	G11B	5/39		
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	Cho, Hae Seok, "Effect of Pinning Field on the Magnetization in Patterned Synthetic Antiferromagnetic Spin Valves," Journal of Applied Physics, May 1, 2000, Volume 87, Number 9
	S	
	T	
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified)				Atty. Docket No. HIT1P026 / HSJ9-2003-0145US1	Application No.: Unassigned
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				Filing Date: Herewith	Group Art Unit: Unassigned

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	2001/0053052	12/20/2001	Ihara et al.	360	324.1	03/06/2001
	B	2001/0050834	12/13/2001	Hasegawa et al.	360	324.12	06/25/2001
	C	2002/0154456	10/24/2002	Carey et al.	360	324.11	04/24/2001
	D	2002/0114113	08/22/2002	Lederman et al.	360	324.11	03/28/2002
	E	2002/0114111	08/22/2002	Zhu	360	324.11	02/20/2001
	F	2002/0097538	07/25/2002	Seyama et al.	360	324.11	03/29/2001
	G	2002/0085323	07/04/2002	Smith et al.	360	324.12	01/04/2001
	H	6,411,478	06/25/2002	Mao et al.	360	324.2	02/08/2000
	I						
	J						
	K						
	L						

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							Yes	No
	M							
	N							
	O							
	P							

Other Documents

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	R	
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